

What is claimed is:

1. A radio frequency apparatus comprising:

a printed circuit board mounting electronic components including an inductance element,

a metal frame body covering this printed circuit board and connected to the ground,

a lid formed integrally with the frame body, covering the inductance element mounting side of the frame body, and

a leg formed by cutting and bending from the lid, having a width nearly same as the width of the inductance element,

wherein said leg is disposed closely to the inductance element.

2. The radio frequency apparatus of claim 1, wherein said leg is disposed closely to the inductance element, and its leading end is connected to the ground terminal of the inductance element.

3. The radio frequency apparatus of claim 2, wherein said inductance element is disposed inside of bending of the leg.

4. The radio frequency apparatus of claim 2, wherein said inductance element is disposed outside of bending of the leg.

5. The radio frequency apparatus of claim 4, wherein said inductance element is an air core coil.

6. The radio frequency apparatus of claim 1, wherein said inductance element is formed of an air core coil, and the opening side of the air core coil is disposed opposite to the bending side of the leg.

7. The radio frequency apparatus of claim 6, wherein an abutting portion is provided in a metal back cover covering in the opposite direction of the lid side, and the leading end of the leg formed by penetrating through the printed circuit board abuts against this abutting portion.

8. The radio frequency apparatus of claim 2, wherein said inductance element is formed of an air core coil, and the opening side of the air core coil is disposed opposite to the bending side of the leg.

9. The radio frequency apparatus of claim 3, wherein said inductance element is formed of an air core coil, and the opening side of the air core coil is disposed opposite to the bending side of the leg.

10. The radio frequency apparatus of claim 4, wherein said inductance element is formed of an air core coil, and the opening side of the air core coil is disposed opposite to the bending side of the leg.

11. The radio frequency apparatus of claim 5, wherein said inductance element is formed of an air core coil, and the opening side of the air core coil is disposed opposite to the bending side of the leg.

12. The radio frequency apparatus of claim 8, wherein an abutting portion is provided in a metal back cover covering in the opposite direction of the lid side, and the leading end of the leg formed by penetrating through the printed circuit board abuts against this abutting portion.

13. The radio frequency apparatus of claim 9, wherein an abutting portion is provided in a metal back cover covering in the opposite direction of the lid side, and the leading end of the leg formed by penetrating through the printed circuit board abuts against this abutting portion.

14. The radio frequency apparatus of claim 10, wherein an abutting portion is provided in a metal back cover covering in the opposite direction of the lid side, and the leading end of the leg formed by penetrating through the printed circuit board abuts against this abutting portion.

15. The radio frequency apparatus of claim 11, wherein an abutting portion is provided in a metal back cover covering in the opposite direction of the lid side, and the leading end of the leg formed by penetrating through the printed circuit board abuts against this abutting portion.